DASARAHALLI ZONE

f Work : Improvements to road & drain at Abbigere Layout roads in Ward No.12 Shettyhalli, Shettyhalli Sub Division.

Est .Cost Rs.50.00 Lakhs

Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
RB 300-3. Earthwork excavation by manual means in ordinary soil invoiving in ge horizontal throw up to 2m & an average lift upto 1.5m , excavated surface d & sides neatly dressed , the disposed earth to be levelled neatly after breaking of complete as per specification MORTH/ Chapter 3. **P. No. 142/ It No. 19.1/ PWD**								
016-17								
drain	**Cum**							
gere layout Cross road -01		2	252.00	1.00	0.90	453.60		
s road -02		1	246.00	1.00	0.90	221.40		
culverts		2	6.00	1.50	0.90	16.20		
						691.20	175.96	**121624.00**
Basic Rate	**82.00**							
d loading & unloading charges	68.00							
lead for 5 km=5*1.28*2.5	16.00							
Total	166.00							
add AW 6%	9.96							
	175.96							
SRB 4-1.3 : **Providing and laying in position plain cement concrete of mix 1:4:8** h OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse gregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine ixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in undation, including cost of all materials, labour, HOM of machinery, curing complete as er specifications. Specification No. KBS 4.3 **Page No.12/ Item No. 4.3/ PWD SR 2016-**								
7								
bbigere layout Cross road -01	cum	2	252.00	0.80	0.15	60.48		
ross road -02		1	246.00	0.80	0.15	29.52		
or culverts		2	6.00	1.50	0.15	2.70		
						92.70	5159.02	**478241.00**
Basic Rate	4867.00							
Add A.W 6%	292.02							
Total	**5159.02**							
KSRB 4.2.2 : **Providing and laying in position reinforced cement concrete of design mix M20** with OPC cement @ 320kgs, with with 20mm and down size graded granite metal, coarse aggregate @ 0.69 cum and fine aggregates @ .460cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafairmed -2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings,pedastals,retaining walls, staircase, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.5 **,P.13/I.4.11/ PWD SR 2016-17**								
For drain bottom	Cum							
Abbigere layout Cross road -01		2	252.00	0.80	0.15	60.48		

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ide wall		1	246.00	0.80	0.15	29.52		
igere layout Cross road -01		4	252.00	0.15	0.70	105.84		
ss road -02		2	246.00	0.15	0.70	51.66		
culverts bottom		2	6.00	1.50	0.15	2.70		
des		4	6.00	0.35	0.70	5.88		
deck slab		2	6.00	1.50	0.23	4.14		
						260.22	6371.66	**1658033.00**
Basic Rate	6011.00							
Add A.W 6%	360.66							
Total	**6371.66**							

KSRB 4-6.4 : **Providing and removing centering, shuttering**, strutting,. propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached1 pilasters, buttresses, plinth cilis and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **Page No.15/ Item No. 4.31/ PWD SR 2016-17**

Abbigere layout Cross road -01	**sqm**	6	252.00		0.75	1134.00		
Cross road -02		3	246.00		0.75	553.50		
For culverts		8	6.00		0.75	36.00		
for deck slab		2	6.00	0.60		7.20		
sides		2	15.00		0.30	9.00		
						1739.70	310.58	**540316.00**
Basic Rate	293.00							
Add A.W 6%	17.58							
Total	**310.58**							

SRB 4.9.2: **Providing T.M.T steel reinforcement for R.C.C work** including traightening, cutting, bending, hooking, placing in position, lapping and / or welding herever required, tying with binding wire and anchoring to the adjoining members herever necessary complete as per design (laps, hooks and wastage shall not be easured and paid) cost of materials, labour, HOM of machinery complete as per pecifications.Specification No. KBS 4.6.3, TMT bars **Fe 500**. **Page No. 17/ Item No. 46.2/ PWD SR 2016-17**

r drain	Tonnes		247.50	x	60kgs	14850.00		
r cd's			12.72	x	75 kgs	954.00		
						15804.00		
				or say		**15.80**	64243.42	**1015303.00**
Basic Rate	60607.00							
Add A.W 6%	3636.42							
Total	**64243.42**							

Providing & laying reinforeced cement precast slabs of mix **CC 1:11/2:3** using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specfications.

Abbigere layout Cross road -01	Sqm	2	252.00		0.75	378.00		
Cross road -02		1	246.00		0.75	184.50		
Approved Rate of Precast slab	**1680.00**					**562.50**	1680.00	**945000.00**

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					Sub Total			4758517.00
d Tender Primium @ 5 %								237926.00
scellaneous and unforeseen charges							L.S	3557.00
					Grand Total			5000000.00
(Rupees Fifty Lakhs Only)								

RTIFICATE

he Work spot has been inspected and the work found to be necessary
he Estimate is prepared as per the PWD SR 2016-17
he Provision made in estimate are adequate and essential
his area comes under BBMP limits.

Asst Engineer
Ward No-12

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ಸಂ. EE/PD/AS/687/17-18
26.12.7
[Rs. 50.00 lakhs] Rupe
Fifty lakhs only
ಮುಂದಿನ ಅವಶ್ಯಕ್ರಮ ಜರುಗಿಸಲು ನೀಡಿದೆ

ನಂ. CE/TS/393/17-18 ದಿನಾಂಕ : 27/12/2017
ರೂ. Rs. 50.00 lakhs only/-
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂ
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